What is claimed is:

Sub a2

1. A fluoroscopy image apparatus, comprising:

two-dimensional radiation sensor arrays formed of photoelectric conversion elements for outputting charge signals corresponding to an incident amount of radiation,

switches arranged in a matrix form under the radiation sensor arrays and connected to the photoelectric conversion elements,

a gate driver circuit connected to the switches for turning on the respective switches in case of reading out the signals,

a readout amplifying circuit connected to the sensor arrays for reading out the charge signals stored in respective pixels,

a control circuit connected to the gate driver circuit and the readout amplifying circuit for controlling the same,

a TV reference signal circuit connected to the control circuit and having a horizontal scanning/synchronization pulse waveform generating circuit and a vertical scanning/synchronization pulse waveform generating circuit, and

a picture signal superimpose circuit connected to the TV reference signal circuit and the gate driver circuit for driving the gate driver circuit by a signal from the TV reference signal circuit and taking out picture signals from the radiation sensor arrays through the readout amplifying circuit, said picture signal superimpose circuit superimposing the picture signals on the signals from the TV reference signal circuit by synchronizing with the signals from the TV reference signal circuit to thereby output a TV analog video signal.

2. A fluoroscopy image apparatus according to claim 1, further

comprising control means connected to the gate driver circuit and the readout amplifying circuit for controlling the same so that a plurality of pixels is joined as one pixel unit when the charge signals of the radiation sensor arrays are read out and scanned.

3. A fluoroscopy image apparatus according to claim 2, wherein said control means is included in the TV reference signal circuit to be operated in an analogue video control.

4. A fluoroscopy image apparatus according to claim 1, further comprising wireless transmitting means for wirelessly transmitting the outputted analog video signal.

5. A fluoroscopy image apparatus according to claim 1, further comprising a digital-to-analog switching circuit to be able to switch between a digital video control and an analog video control so as to use one of the controls.

6. A fluoroscopy image apparatus according to claim 1, further comprising a correction processing circuit connected to the readout amplifier so that sensitivity correction and offset correction are carried out per sensor.